



Recombinant Rat cGMP-dependent protein kinase 2 (Prkg2)

Product Code	CSB-EP720680RA
Abbreviation	Prkg2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q64595
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	GNGSVKPKH SKHPDGQSGN LSNEALRSKV AELEREVKRK DAELQEREYH LKELREQLAK QTVAIAELTE ELQSKCIQLN KLQDVIHVQG GSPLQASPK VPLDVHRKTS GLVSLHSRRG AKAGVSAEPT SRTYDLNKPP EFSFEKARVR KDSSEKKLIT DALNKNQFLK RLDPPQIKDM VECMYGRNYQ QGSYIVKQGE PGNHIFVLAE GRLEVFQGEK LLSSIPMWTTFGELAILYNC TRTASVKAIT NVKTTWALDRE VFQNIMRRTA QARDEEYRNF LRSVSLKLN PEDKLTKIID CLEVEYYDKG DYIIREGEEG STFFILAKGK VKVTQSTEGH DQPQLIKTLQ KGEYFGEKAL ISDDVRSANI IAEENDVACL VIDRETFNQT VGTDFDELQKY LEGYVATLNR DDEKRHAKRS MSSWKLSKAL SLEMIQLKEK VARFSSTSPF QNLEIATLG VGGFGRVELV KVKNENIAFA MKCIRKKHIV DTKQQEHVYS EKRILEELCS PFIVKLYRTE KDNKYVYMLL EACLGELWS ILRDRGSFDE PTSKFCVACV TEAFDYLHRL GIIYRDLKPE NLILDADGYL KLVDFGFAK IGSGQKTWTF CGTPEYVAPE VILNKGHDFS VDFWSLGILV YELLTGNPPF SGIDQMMTYN LILKGIEKMD FPRKITRPE DLIRRLCRQN PTERLGNLKN GINDIKKRW LNGFNWEGLK ARSLPSPLRR ELSGPIDHSY FDKYPPEKGV PPDEMSGWDK DF
Source	E.coli
Target Names	Prkg2
Protein Names	Recommended name: cGMP-dependent protein kinase 2 Short name= cGK 2 Short name= cGK2 EC= 2.7.11.12 Alternative name(s): cGMP-dependent protein kinase II Short name= cGKII
Expression Region	2-762
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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